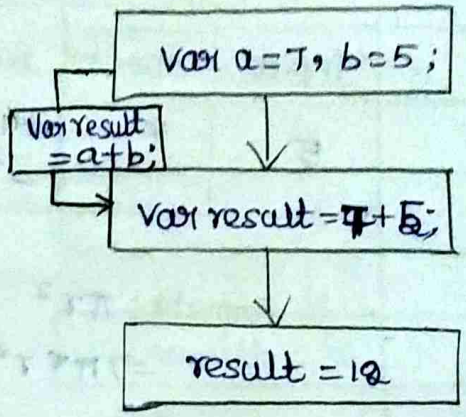
K. Rajavalli
FED-006

1. Find Addition:

Input	operator	Result
7, 5	+	7+5 =12

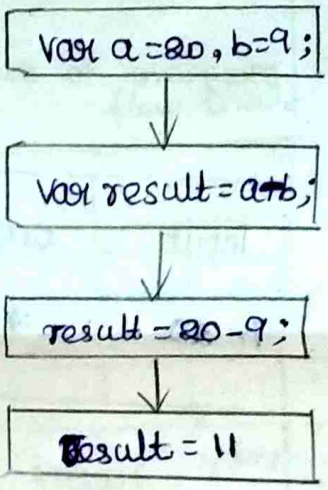
Flowchart



2. calculate subtraction:

Input	operator	Result
20, 9	-	20-9 =11

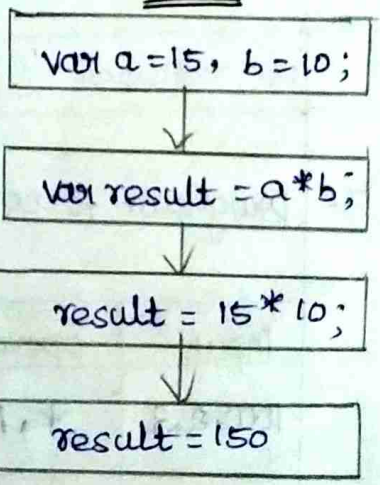
Flow chart



3. Calculate multiplication.

Input	operator	Result
15, 10	*	15*10 =150

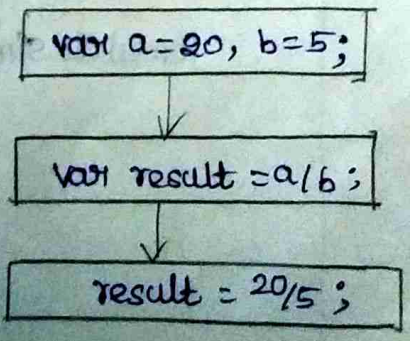
Flow chart



4. calculate division:

Input	operator	Result
20, 5	/	20/5 =4

Flow chart



result = 4.

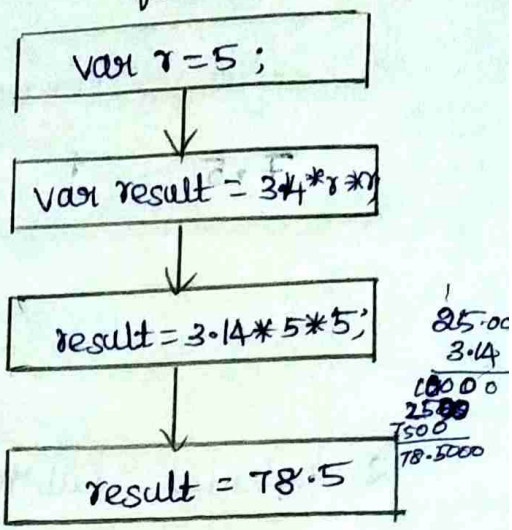
5. program to calculate Area of circle:

Input	operator	result
5	*	3.14 x 5 x 5 = 78.5

Formula: πr^2

$\Rightarrow \pi * r * r$

flow-chart

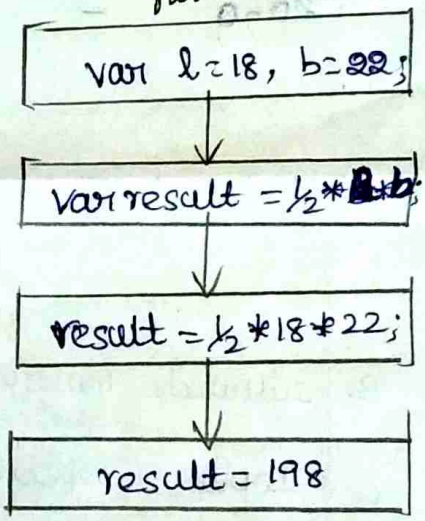


6. program to calculate Area of Triangle:

Input	operator	result
18, 22	*, /	$\frac{1}{2} \times 18 \times 22$ = 198

Formula: $\frac{1}{2} * l * b$

flow-chart

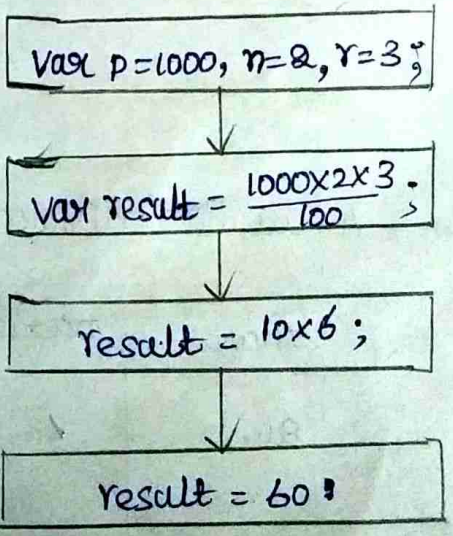


7. program to calculating simple interest.

Input	operator	result
1000, 2, 3	*, /	$\frac{1000 * 2 * 3}{100}$ = 60

Formula: Simple Interest = $\frac{PnR}{100}$

flow-chart

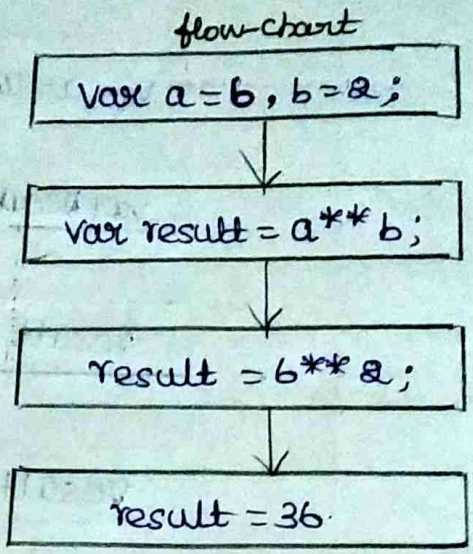


8. program for calculating Square:

input	operator	result
6,2	**	6**2 =36

formula = a^2
=a**a

flow-chart

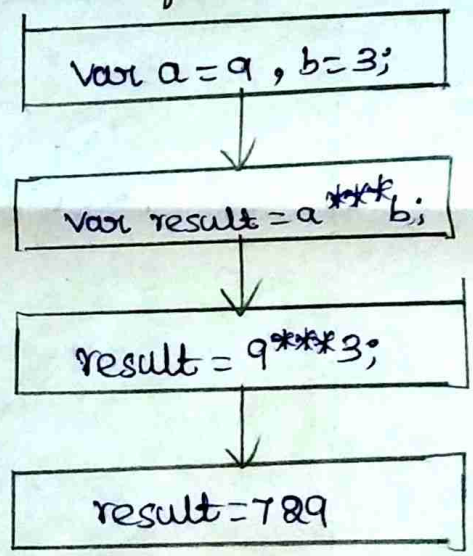


9. program for calculating cube:

input	operator	result
9,3	***	9***3

formula: a^3
a***a

flow-chart.



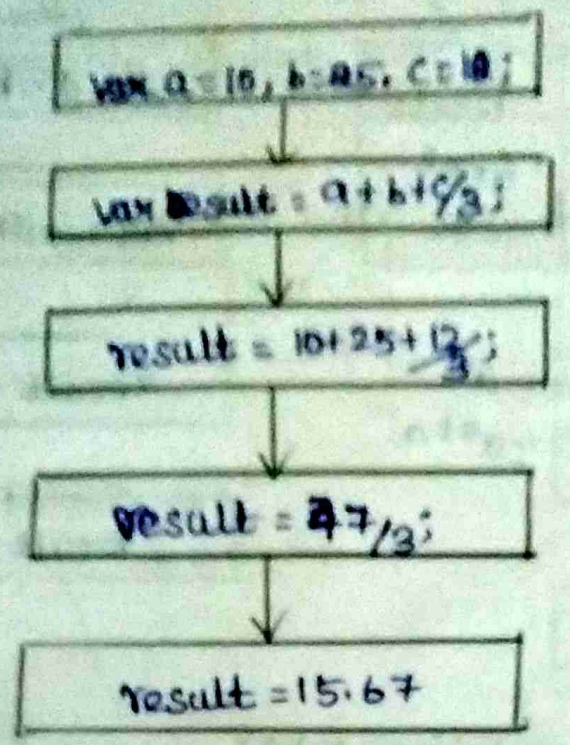
81
9
729

10. programe to calculate total and average:

input	operator	result
10, 25, 12	+, /	TO: 10+25+12 = 47 AV: 47/3 = 15.67

formula = $\frac{n+n1+n2}{3}$

flow-chart :




```
15.66...
3 | 47
  | 3
  | 17
  | 15
  | 20
  | 18
  | 20
```